

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 206  | (similarity or dissimilarity)and (multimedia near data or images)same shape same (circle or circular or round or triangle or rectangle)and (contour\$3 or edge\$1 or boundar\$3 or border\$3)near (points or pixels)and distance \$1 near2(points or pixels)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/15 13:35 |
| L2    | 26   | (similarity or dissimilarity)and (multimedia near data or images)same shape same (circle or circular or round or triangle or rectangle)same (contour\$3 or edge\$1 or boundar\$3 or border\$3)near (points or pixels)and distance \$1 near2(points or pixels)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/15 13:35 |
| L3    | 3    | L2 and shape adj analysis and algorithm  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/15 13:36 |
| L4    | 0    | (similarity or dissimilarity)same (multimedia near data or images)same shape same (circle or circular or round or triangle or rectangle)same (contour\$3 or edge\$1 or boundar\$3 or border\$3)near (points or pixels)and distance \$1 near2(points or pixels) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/15 13:37 |
| L5    | 2    | L3 and @ad< "20030403"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/15 13:40 |
| L6    | 0    | dissimilarity same(multimedia near data or images or sets) same shape same(circle or circular or round or triangle or rectangle)same(contour\$3 or edge\$1 or boundar\$3 or border\$3)near(points or pixels) and distance\$1 near2(points or pixels)           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/15 14:02 |

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| L7  | 0 | dissimilarity same(multimedia near data or images or sets) same shape same(circle or circular or round or triangle or rectangle)same shape adj analysis same algorithm same (contour\$3 or edge\$1 or boundar\$3 or border\$3)near (points or pixels)and distance \$1 near2(points or pixels) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/15<br>14:08 |
| L8  | 0 | dissimilarity same(multimedia near data or images or sets) same shape same(circle or circular or round or triangle or rectangle)same shape adj analysis same algorithm same (contour\$3 or edge\$1 or boundar\$3 or border\$3)near (points or pixels)and distance \$1                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/15<br>14:08 |
| L9  | 6 | dissimilarity and(multimedia near data or images or sets) and shape and(circle or circular or round or triangle or rectangle)and shape adj analysis and algorithm and (contour\$3 or edge\$1 or boundar\$3 or border\$3)near (points or pixels)and distance \$1                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/15<br>14:09 |
| L10 | 2 | L9 and @ad< "20030403"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/15<br>14:10 |
| L11 | 0 | L10 and degree adj similarity and(multimedia near data or images)same shape same (circle or circular or round or triangle or rectangle)and (contour\$3 or edge\$1 or boundar\$3 or border\$3)near (points or pixels)and distance \$1 near2(points or pixels)                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/15<br>14:29 |
| L12 | 0 | L10 and degree adj similarity and(multimedia near data or images)same shape same (circle or circular or round or triangle or rectangle)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/15<br>14:30 |
| L13 | 1 | dissimilarity same(multimedia near data or images or sets) same shape adj analysis same algorithm   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/15<br>14:33 |

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| S2  | 1 | ((THOMAS) near2 (ADAMEK)).<br>INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2008/11/09<br>15:24 |
| S3  | 1 | ((NOEL) near2 (O'CONNOR)).<br>INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2008/11/09<br>15:24 |
| S4  | 1 | ((SEAN) near2 (MARLOW)).<br>INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2008/11/09<br>15:25 |
| S5  | 3 | ((NOEL) near2 (MURPHY)).<br>INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2008/11/09<br>15:25 |
| S6  | 1 | ((ALAN) near2 (SMEATON)).<br>INV.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2008/11/09<br>15:26 |
| S7  | 1 | S2 and(similarity or<br>dissimilarity)same(multimedia<br>near data or images)same<br>(contour\$3 or edge\$1 or<br>boundar\$3 or border\$3)near<br>(points or pixels)same distance<br>\$1 near2 (points or pixels) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/09<br>15:26 |
| S8  | 1 | S3 and(similarity or<br>dissimilarity)same(multimedia<br>near data or images)same<br>(contour\$3 or edge\$1 or<br>boundar\$3 or border\$3)near<br>(points or pixels)same distance<br>\$1 near2 (points or pixels) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/09<br>15:26 |
| S9  | 1 | S4 and(similarity or<br>dissimilarity)same(multimedia<br>near data or images)same<br>(contour\$3 or edge\$1 or<br>boundar\$3 or border\$3)near<br>(points or pixels)same distance<br>\$1 near2 (points or pixels) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/09<br>15:27 |
| S10 | 1 | S5 and(similarity or<br>dissimilarity)same(multimedia<br>near data or images)same<br>(contour\$3 or edge\$1 or<br>boundar\$3 or border\$3)near<br>(points or pixels)same distance<br>\$1 near2 (points or pixels) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/09<br>15:27 |
| S11 | 1 | S6 and(similarity or<br>dissimilarity)same(multimedia<br>near data or images)same<br>(contour\$3 or edge\$1 or<br>boundar\$3 or border\$3)near<br>(points or pixels)same distance<br>\$1 near2 (points or pixels) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/09<br>15:27 |
| S12 | 0 | S7 and (@ad< "20030403" or<br>@rlad< "20030403" or<br>@prad< "20030403" or<br>@ptad< "20030403")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/09<br>15:33 |

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| S13 | 98 | ((("20070022329") or ("6055337") or ("5757971") or ("5253178") or ("6035538") or ("4258425") or ("4276792") or ("4280242") or ("4318564") or ("4412297") or ("4420179") or ("4474443") or ("4590135") or ("4803735") or ("5295076") or ("5311439") or ("5321770") or ("5444245") or ("5479816") or ("5539868") or ("5553206") or ("5557689") or ("5627771") or ("5638502") or ("5640466") or ("5644654") or ("5684942") or ("5686973") or ("5691543") or ("5706419") or ("5748193") or ("5816092") or ("5838830") or ("5842923") or ("5852447") or ("5871818") or ("5912985") or ("5920324") or ("5940527") or ("5940084") or ("5964652") or ("5966137") or ("5995650") or ("6044170") or ("6075885") or ("6084586") or ("6110409") or ("6205243") or ("6229918") or ("6249604") or ("").pn.)).PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/09<br>15:35 |
| S14 | 2  | S13 and(similarity or dissimilarity)same(multimedia near data or images)same (contour\$3 or edges\$1 or boundar\$3 or border\$3)near (points or pixels)same distance \$1 near2 (points or pixels)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/09<br>15:35 |
| S15 | 0  | S14 and (@ad< "20030403" or @rlad< "20030403" or @prad< "20030403" or @ptad< "20030403")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/09<br>15:35 |
| S16 | 0  | S14 and (@ad< "20030403" or @rlad< "20030403" or @prad< "20030403" or @ptad< "20030403")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/09<br>15:38 |

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| S17 | 961   | (similarity or dissimilarity)and<br>(multimedia near data or<br>images)and shape and(contour<br>\$3 or edge\$1 or boundar\$3 or<br>border\$3)near(points or pixels)<br>and distances\$1 near2(points<br>or pixels)     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:13 |
| S18 | 656   | S17 and (@ad< "20030403" or<br>@rlad< "20030403" or<br>@prad< "20030403" or<br>@ptad< "20030403")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:14 |
| S19 | 4     | (similarity or dissimilarity)same<br>(multimedia near data or<br>images)same shape same<br>(contour\$3 or edge\$1 or<br>boundar\$3 or border\$3)near<br>(points or pixels)same distance<br>\$1 near2(points or pixels) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:15 |
| S20 | 82647 | "L4" and (@ad< "20030403"<br>or @rlad< "20030403" or<br>@prad< "20030403" or<br>@ptad< "20030403")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:15 |
| S21 | 1     | S19 and (@ad< "20030403" or<br>@rlad< "20030403" or<br>@prad< "20030403" or<br>@ptad< "20030403")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:15 |
| S22 | 1     | S21 and @ad< "20030403"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:16 |
| S23 | 422   | S18 and @ad< "20030403"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:18 |
| S24 | 1     | S23 and set adj instruct\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:18 |
| S25 | 7     | (similarity or dissimilarity)same<br>(multimedia near data or<br>images)same(contour\$3 or<br>edge\$1 or boundar\$3 or<br>border\$3)near(points or pixels)<br>same distances\$1 near2<br>(points or pixels)            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:21 |

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| S26 | 2    | S25 and @ad< "20030403"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:21 |
| S27 | 0    | (match\$3 or compar\$5 or combin\$3)same(multimedia near data or images)same shapes and provide adj dissimilarity same measure and reference adj set and (contour\$3 or edge\$1 or boundar\$3 or border\$3)near (points or pixels)same distance\$1 near2 (points or pixels)        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:31 |
| S28 | 0    | (match\$3 or compar\$5 or combin\$3)and(multimedia near data or images or sets) same shapes and provide adj dissimilarity and measure and reference adj set and(contour \$3 or edge\$1 or boundar\$3 or border\$3)near(points or pixels) same distance\$1 near2 (points or pixels) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:31 |
| S29 | 0    | (match\$3 or compar\$5 or combin\$3)and(multimedia near data or images or sets) same shapes and provide adj dissimilarity and measure and reference adj set and(contour \$3 or edge\$1 or boundar\$3 or border\$3)near(points or pixels) and distance\$1 near2(points or pixels)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:32 |
| S30 | 0    | (match\$3 or compar\$5 or combin\$3)and(multimedia near data or images or sets) and provide adj dissimilarity and measure and(contour\$3 or edge\$1 or boundar\$3 or border\$3)near(points or pixels) and distance\$1 near2(points or pixels)                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:32 |
| S31 | 0    | (match\$3 or compar\$5 or combin\$3)and(multimedia near data or images or sets) and provide adj dissimilarity and measure  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:33 |
| S32 | 3473 | (match\$3 or compar\$5 or combin\$3)and(multimedia near data or images or sets) and dissimilarity and measure  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:33 |

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| S33 | 1621 | (match\$3 or compar\$5 or combin\$3)and(multimedia near data or images or sets) and shapes and dissimilarity and measure   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:33 |
| S34 | 4    | S33 and(multimedia near data or images)same shape same (contour\$3 or edges\$1 or boundar\$3 or border\$3)near (points or pixels)same distance \$1 near2(points or pixels) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:35 |
| S35 | 2    | S34 and @ad< "20030403"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:35 |
| S36 | 0    | S35 and (set adj instruct\$3 or instruct\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:37 |
| S37 | 10   | (match\$3 or compar\$5 or combin\$3)and(multimedia near data or images or sets) and shapes and dissimilarity and measure and contour adj track\$3                          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:46 |
| S38 | 3    | S37 and @ad< "20030403"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>13:47 |
| S39 | 10   | (match\$3 or compar\$5 or combin\$3)and(multimedia near data or images or sets) same shapes and dissimilarity and measure and contour adj track\$3                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>16:33 |
| S40 | 5    | (match\$3 or compar\$5 or combin\$3)and(multimedia near data or images or sets) same shapes and(dissimilarity or similarity)same measure same contour adj track\$3         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>16:39 |
| S41 | 2    | S40 and @ad< "20030403"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>16:39 |
| S42 | 1    | S41 and(center or centroid)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>16:43 |

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| S43 | 7 | (similarity or dissimilarity) same<br>(multimedia near data or<br>images) same (contour\$3 or<br>edge\$1 or boundar\$3 or<br>border\$3) near (points or pixels)<br>same distance\$1 near2<br>(points or pixels) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>16:53 |
| S44 | 2 | S43 and @ad< "20030403"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>16:54 |
| S45 | 2 | S44 and distance and<br>dissimilarity   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>16:58 |
| S46 | 2 | S44 and distance same<br>dissimilarity  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>16:58 |
| S47 | 0 | S46 and calculat\$3 adj<br>distance   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>17:01 |
| S48 | 2 | S43 and calculat\$3 adj<br>distance   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/11<br>17:02 |

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